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#12

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:



Applicants: : Arnulf I. Simmon and Brett Donahoe  
Serial No. : 09/821,747  
Filing Date : March 29, 2001  
Title of Invention : PORTABLE WIRELESS DATA TERMINAL OPERABLY  
COUPLED TO A COMPUTER AND DATABASE VIA A  
WIRELESS COMMUNICATION CHANNEL  
Examiner : not assigned  
Group Art Unit : 2123  
Attorney Docket No. : 108-102USAND0

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Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. 1.97**

Sir:

In order to fulfill Applicants' continuing obligation of candor and good faith as set forth in 37 C.F.R. 1.56, Applicants submit herewith an Information Disclosure Statement prepared in accordance with 37 C.F.R. Sections 1.97, 1.98 and 1.99.

The disclosures enclosed herewith are as follows:

**U.S. PUBLICATIONS**

<u>NUMBER</u>	<u>FILING DATE</u>	<u>TITLE</u>
5,428,417	August 2, 1993	VISUAL LECTURE AID
5,386,219	July 28, 1993	TOUCH OVERLAY FOR IMPROVED TOUCH SENSITIVITY
5,227,614	December 15, 1989	CORE COMPUTER PROCESSOR MODULE, AND PERIPHERIAL SHELL MODULE ASSEMBLED TO FORM A POCKET SIZE DATA CAPTURE UNIT
5,133,076	June 12, 1989	HAND HELD COMPUTER
5,067,103	September 28, 1990	HAND HELD COMPUTERS WITH ALPHA KEYSTROKE
5,056,059	November 19, 1990	MEDICAL MONITORING SYSTEM INTERFACE
5,038,284	February 17, 1988	METHOD AND APPARATUS RELATING TO CONDUCTING

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TRADING TRANSACTIONS WITH  
PROTABLE TRADING STATIONS

5,031,119	June 12, 1989	SPLIT SCREEN KEYBOARD EMULATOR
4,916,441	September 19, 1988	PORTABLE HANDHELD TERMINAL
4,850,009	May 31, 1981	PORTABLE HANDHELD TERMINAL INCLUDING OPTICAL BAR CODE READER AND ELECTROMAGNETIC TRANSCIVER MEANS FOR INTERACTIVE WIRELESS COMMUNICATION WITH A BASE COMMUNICATIONS STATION
4,835,372	July 24, 1987	PATIENT CARE SYSTEM
4,773,032	November 20, 1985	TERMINAL INPUT APPARATUS
4,763,356	December 11, 1986	TOUCH SCREEN FORM ENTRY SYSTEM
4,625,276	August 31, 1983	DATA LOGGING AND TRANSFER SYSTEM USING PORTABLE AND RESIDENT UNITS
4,621,189	October 8, 1985	HAND HELD DATA ENTRY APPARATUS
4,593,155	October 11, 1985	PORTABLE TELEPHONE ID CODE TRANSFER SYSTEM
4,578,571	November 14, 1983	PORTABLE BAR CODE SCANNING DEVICE AND METHOD
4,575,625	September 27, 1983	INTEGRAL HAND-HELD LASER SCANNER
4,570,057	August 6, 1984	INSTANT PORTABLE BAR CODE READER
4,569,421	September 22, 1983	RESTAURANT OR RETAIL VENDING FACILITY
4,503,288	August 31, 1981	INTELLIGENT TELEPHONE
4,491,725	September 29, 1982	MEDICAL INSURANCE VERIFICATION AND PROCESSING SYSTEM
4,486,624	September 15, 1980	MICROPROCESSOR CONTROLLED RADIOTELEPHONE TRANSCIVER
4,471,165	October 28, 1980	PORTABLE KEYBOARD OPERATED

## TELECOMMUNICATIONS SYSTEM

4,456,793	June 9, 1982	CORDLESS TELEPHONE SYSTEM
4,409,470	January 25, 1982	NARROW-BODIED, SINGLE-AND TWIN-WINDOWED PORTABLE LASER SCANNING HEAD FOR READING BAR CODE SYMBOLS
4,408,120	February 26, 1981	BAR CODE SCANNER
4,279,021	February 15, 1979	PORTABLE DATA ENTRY APPARATUS INCLUDING PLURAL SELECTABLE FUNCTIONAL CONFIGURATIONS
4,251,798	May 31, 1978	PORTABLE LASER SCANNING ARRANGEMENT FOR AND METHOD OF EVALUATING AND VALIDATING BAR CODE SYMBOLS
4,224,615	September 14, 1978	METHOD OF USING A LIQUID CRYSTAL DISPLAY DEVICE AS A DATA INPUT DEVICE
4,210,802	July 12, 1978	BAR CODE SCANNER
4,143,417	October 21, 1976	PORTABLE DATA-GATHERING APPARATUS FORMED BY MODULAR COMPONENTS HAVING OPERATE-STANDBY MODES
4,121,574	April 11, 1977	METHOD AND APPARATUS FOR MEASURING AND RECORDING VITAL SIGNS OF A PATIENT
3,826,900	October 13, 1972	CORDLESS SCANNING PROBE
3,685,723	May 21, 1971	PHOTOELECTRIC MANUAL READER FOR PRINTED CODED TAGS

TECHNICAL PUBLICATIONS

"TERMINAL SUPPORT UNIT (TSU)" by CliniCom Inc., Boulder CO.

"THE BEDSIDE STORY" by CliniCom, Inc., Boulder CO.

"CLINIVIEW WITH TOUCHSCREEN" by CliniCom Inc., Boulder CO.

"BEDSIDE DATA SYSTEM AIDS PHARMACY" by Karen Gammon, R.P.H. , Kristi Robinson, R.P.H., Boulder Memorial Hospital, Boulder CO, pages 35-37.

"BEDSIDE MATTERS." by CliniCom Incorporated, Boulder CO.

"PEN OPERATING SYSTEMS" by Bruce Brown, PC Magazine, pages 172.

"KEYBOARD-BASED ORGANIZERS" by Jeff Greenberg, PC MAGAZINE, pages 166-167.

"MAINSTREAM PEN-BASED PORTABLES" by Don Crabb, PC MAGAZINE, pages 144-145.

"VERTICAL-MARKET PEN TABLETS" by Don Crabb, PC MAGAZINE, pages 157.

"PEN PALS" by Christopher Barr and Michael Neubarth, PC Magazine.

"CLINIVIEW" by CliniCom Inc., Boulder CO.

"POINT OF CARE TERMINAL" by CliniCom Inc., Boulder CO.

"BEDSIDE TERMINALS: CLINICOM" by Shirley Hughes, M.D. Computing, Vol. 5, No. 1.

"COST BENEFIT ANALYSIS OF THE CLINICARE HANDHELD TERMINAL SYSTEM" by Shirley Hughes, R.N., CliniCom Incorporated.

"QUALITATIVE & QUANTITATIVE BENEFITS OF THE CLINICARE BEDSIDE SYSTEM BY CLINICOM, INCORPORATED" by Ray Uhlorn, Shirley Hughes, Peter Gombrich, Mary Yero, CliniCom, Inc., Boulder CO.

"PATIENT INFORMATION AT THE POINT-OF-CARE" by CliniCom, Inc., Boulder CO.

"TRAVENOL LABORATORIES: A LEADER IN HIBC" by Peter C. Doyle, BAR CODE NEWS.

"BAR CODE FINDS IDENTITY AS USER INPUT ALTERNATIVE" by Ron Schneiderman, News Views.

"DATABAR " by Databar Corporation.

"BAR CODING FOR MEDICAL DEVICE LABELING" by Richard Fard, MG & DI.

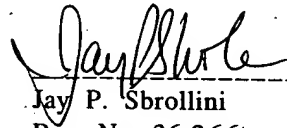
"A UNIFORM LABELING SYSTEM FOR BLOOD SERVICES" by Richard C. Hubbell, M.S.P.; Richard K. Thatcher, Ph.D.; John B. Henry, M.D., Medical Instrumentation, Vol. 15, No. 1.

"AN INTEGRATED HOSPITAL COMPUTER SYSTEM" by B.A.W. Stobart, Poole, M. Solomon, Systems Technology, No. 30.

A separate listing of the above references on PTO Form 1449 and a copy of these references are enclosed herewith for the convenience of the Examiner.

Respectfully submitted,

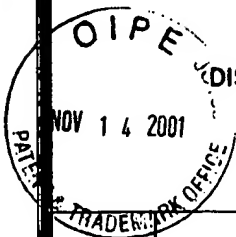
Dated: November 13, 2001



Jay P. Sbrollini  
Reg. No. 36,266  
Attorney for Applicants  
Thomas J. Perkowski, Esq., P.C.  
Soundview Plaza  
1266 East Main Street  
Stamford, Connecticut 06902  
203-357-1950

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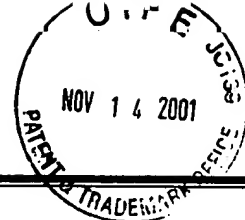
**Complete If Known**

Application Number	09/821,747
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First Name Inventor	Arnulf I. Simmon and Brett Donahoe
Group Art Unit	2123
Examiner Name	not assigned
Attorney Docket Number	108-102USAND0

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
		5,428,417		Lichtenstein	06/27/1995	G03B 21/00
		5,386,219		Greanias et al.	01/31/1995	G09G 5/00
		5,227,614		Danielson et al.	07/13/1993	G06K 7/10
		5,133,076		Hawkins et al.	07/21/1992	G06F 15/76
		5,067,103		Lapeyre	11/19/1991	G06F 3/023
		5,056,059		Tivig et al.	10/08/1991	G09G 1/00
		5,038,284		Kramer	08/06/1991	G06F 15/20
		5,031,119		Dulaney et al.	07/09/1991	G06F 15/20
		4,916,441		Gombrich	04/10/1990	G06F 15/06
		4,850,009		Zook et al.	07/18/1989	H04M 11/90

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		Number	Kind Code (if known)			
		4,835,372		Gombrich et al.	05/30/1989	G06E 15/20
		4,773,032		Uehara et al.	09/20/1988	G06F 3/00
		4,763,356		Day, Jr. et al.	08/09/1988	H04M 1/23
		4,625,276		Benton et al.	11/25/1986	G06F 15/30
		4,621,189		Kumar et al.	11/04/1986	G06K 7/10
		4,593,155		Hawkins	06/03/1986	H04Q 7/04
		4,578,571		Williams	03/25/1986	G06K 7/10
		4,575,625		Knowles	03/11/1986	G06K 7/10
		4,570,057		Chadima, Jr. et al.	02/11/1986	G06K 7/10
		4,569,421		Sandstedt	02/11/1986	E04H 3/04
		4,503,288		Kessler	03/05/1985	H04M 11/00
		4,491,725		Pritchard	01/01/1985	G06F 3/00
		4,486,624		Puhl et al.	12/04/1984	H04M 1/00

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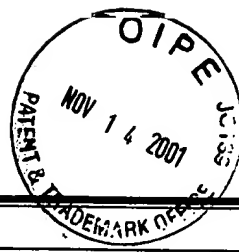
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		Number	Kind Code (if known)			
		4,471,165		DeFino et al.	09/11/1984	G06F 3/023
		4,456,793		Baker et al.	06/26/1984	H04M 1/72
		4,409,470		Shepard et al.	10/11/1983	G06K 7/10
		4,408,120		Hara et al.	10/04/1983	G06K 7/10
		4,279,021		See et al.	07/14/1981	G06F 15/06
		4,251,798		Swartz et al.	02/17/1981	G06K 9/24
		4,224,615		Penz	09/23/1980	G02F 1/13
		4,210,802		Sakai	07/01/1980	G06K 12/06
		4,143,417		Wald et al.	03/06/1979	G06F 3/06
		4,121,574		Lester	10/24/1978	A61B 5/00
		3,826,900		Moellering	07/30/1974	G06k 7/14
		3,685,723		Berler	08/22/1972	G06k 7/10

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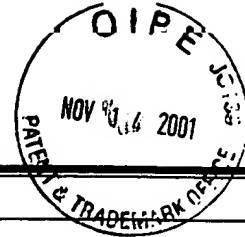




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Examiner Initials	Cite No.	Description
		TERMINAL SUPPORT UNIT (TSU) by CliniCom Inc., Boulder CO, 2000
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		BEDSIDE DATA SYSTEM AIDS PHARMACY by Karen Gammon, et. al., Boulder Memorial Hospital, Boulder CO, 2000, p. 35-37
		BEDSIDE MATTERS. by CliniCom Incorporated, Boulder CO, 2000
		PEN OPERATING SYSTEMS by Bruce Brown, PC Magazine, 1993, p. 172
		KEYBOARD-BASED ORGANIZERS by Jeff Greenberg, PC MAGAZINE, 1993, p. 166-167
		MAINSTREAM PEN-BASED PORTABLES by Don Crabb, PC MAGAZINE, 1993, p. 144-145
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		A UNIFORM LABELING SYSTEM FOR BLOOD SERVICES by Richard C. Hubbell, et. al., Medical Instrumentation, Vol. 15, No. 1, 1981
		AN INTEGRATED HOSPITAL COMPUTER SYSTEM by B.A.W. Stobart, et. al., Systems Technology, No. 30, 1978

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to applicant.

(INFORMATION DISCLOSURE STATEMENT - SECTION 9 PTO-1449)